Certificate of Mailing 37 C.F.R. §1.8(a) ondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Sheryl R. Neumann Name of Person Signing Certificate: ure 29, 2004 eryl R. Neumans

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Minoru UMESAKO

Conf. No.: 3175

Group Art Unit: Not Yet Assigned

Appln. No.:

10/817,470

§ Examiner:

Not Yet Assigned

Filing Date:

April 2, 2004

§ Attorney Docket No.: 10407-84US

(A4016MT-US1)

Title: SIGNAL PROCESSOR

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are copies of each of the documents listed on the attached Information Disclosure Citation Form(s) PTO/SB/08A and/or B, which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

The enclosed reference is cited and discussed at page 2 of the English translation of the specification. U.S. Patent 4,870,661 is equivalent to JP 63-086932 and U.S. Patent 5,617,088 is equivalent to JP 7-212190, both cited and discussed at page 21 of the English translation of the specification.

In accordance with the official waiver posted July 11, 2003, wherein the U.S. Patent and

Trademark Office officially waives the requirement under 37 C.F.R. § 1.98(a)(2)(i) for submitting copies of each cited U.S. Patent and U.S. Patent Application Publications with respect to applications filed after June 30, 2003, we have not included copies of such cited U.S. patent and U.S. Patent Application Publications. However, we will provide copies upon request. Copies of the foreign references are attached hereto for the Examiner's convenience.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement since it is being filed within three months of the filing date of the above-identified application. However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017.

It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Form PTO/SB/08A and/or B be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed document(s) be cited in the issued patent.

Respectfully submitted,

Minoru UMESAKO

John D. Simmons

Agent for Applicant(s)

Registration No. 52,225 Direct Dial: 215-965-1268

E-Mail: jsimmons@akingump.com

Akin Gump Strauss Hauer & Feld LLP One Commerce Square 2005 Market Street, Suite 2200 Philadelphia, PA 19103

Telephone No.: 215-965-1200

Fax No.: 215-965-1210

JDS:sm **Enclosures**

•		ا	Age			
Form PT	O/SB/08A	E			Complete if Known	
		<i>K</i>	<u>ک</u>	Agalication Number	10/817,470	
INFORMATION DISCLOSUS STATEMENT BY APPLICANT			SUPPAD	Filing Date	April 2, 2004	
			CANT	First Named Inventor	Minoru UMESAKO	
4	· · · · · · · · · · · · · · · · · · ·			Group Art Unit	Not Yet Assigned	
(use as many sheets as necessary)			essary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	10407-84US (A4016MT-US1)	

		U.S	S. PATENT DOCUMENTS	
Exr Initials	U.S. Patent Docume		Name of First Inventor of Cited Document	Date of Publication of Cited Document MM-YYYY
	Number	known)		
	4,870,661		Masahiro YAMADA et al.	09-1989
	5,617,088		Nobuyuki YASUDA	04-1997
	<u> </u>			

			FOREIGN PATE	NT DOCUMENTS		
		Foreign Patent Docume	ent		Date of	Τı
Exr Initials	Country Number Code		Kind Code (if known)	Name of Applicant of Cited Document	Publication of Cited Document MM-YYYY	
	JP	02-154583	A	Matsushita Electric Ind Co Ltd	06-1990	*X_
		·				
				*Abstract Only		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁			
		<u> </u>			

Examiner	Date	
Signature	Considered	